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	Application No.	Applicant(a)
	Application No.	Applicant(s)
Nation of Allowability	10/009,534	FUNABIKI ET AL.
Notice of Allowability	Examiner	Art Unit
	Carol Chaney	1745
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.		
1. This communication is responsive to <u>amendment filed 17 December 2004</u> .		
2. Maria The allowed claim(s) is/are 1-5 and 7-10.		
3. The drawings filed on 24 May 2002 are accepted by the Examiner.		
4.		
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/O Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Summary Paper No./Mail Dat 8), 7. ☑ Examiner's Amenda	te

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Bruce Kramer on 04 February 4, 2005.

The application has been amended as follows:

In claim 1, starting at line 5, please delete "wherein the contained Li is the element obtained by a method to insert lithium in the active material by chemical method" and replace the phrase with

"and if Li is contained in the β -FeOOH, the Li is incorporated into the β -FeOOH in advance of insertion/extraction of lithium"

The following is an examiner's statement of reasons for allowance:

The examiner's amendment is supported by page 8, lines 7-21 of the specification as originally filed. The amendment serves to clarify applicants' invention, in which Li can be incorporated into a low-crystalline β -FeOOH prior to intercalation or deintercalation of additional lithium in the structure.

Applicants' amendments overcome the prior art of record, Amin, JP 10-233215

A. Amin discloses lithium secondary batteries using β-FeOOH structures incorporated

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with other elements as cathode materials. However, the elements Amin incorporate into the β -FeOOH structure are distinct from those claimed by the applicants, and there is no motivation in the prior art to incorporate the elements recited by the applicants into a β -FeOOH structure used as a lithium battery cathode material.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carol Chaney whose telephone number is (571) 272-1284. The examiner can normally be reached on Mon - Fri 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Carol Chaney

Primary Examiner

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5 February 2005